

County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH-HAZARDOUS MATERIALS DIVISION P.O. BOX 129261, SAN DIEGO, CA 92112-9261 (619) 338-2222 FAX (619) 338-2377; 1-800-253-9933

http://www.sdcounty.ca.gov/deh/hmd/forms_hmd.html UNDERGROUND STORAGE TANK SECONDARY CONTAINMENT **TESTING REPORT FORM**

This form is intended for use by contractors performing initial & periodic testing of UST secondary containment systems. Use the appropriate pages of this form to report results for all components tested. The completed form, written test procedures, and printouts from tests (if applicable), must be provided to the facility owner/operator for submittal to the County of San Diego Department of

Environmental Health Hazardou.				[Grou]		ow.	Ü	1	J		
Establishment Number: Plan Check Number: 1. FACILITY INFORMATION											
E. W. M.	1. k	AC	LITY	INF							
Facility Name:					Date of Testin		7 D 4	T			
Facility Address:					l Di	Test Type:					
Facility Contact:	· C' 1 C TD		Phone: ÿ Initial								
Date Local Agency Was Not		_		, , , .	1		,	month			
Name of Local Agency Inspe	ector (if pro	esent	during	testin	<i>g)</i> :		y 36	5 month	l .		
2.	TESTING	G CO	ONTR	ACT	OR INFORMATION						
Company Name:											
Technician Conducting Test:											
	censed Cor	ntract	tor		SWRCB Licensed Tank Tester						
License Type:]	License Number:						
					irer Training						
Manufacturer				Comp	onent(s)	Date	<u>: Trai</u>	ining Ex	<u>kpires</u>		
	3. SU	MM	ARY (OF T	EST RESULTS						
Component	Pass	Fail	Not Tested	Repai Mad		Pass	Fail	Not Tested	Repai Made		
			Testeu	Mau	е	_		Testeu	Iviau		
							<u> </u>		<u> </u>		
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hydrostatic testing was perio	office, des	cribe	wiiai v	vas uo	ne with the water after completion	ii oi test	.s.				
For any equipment co	nabla of	gono	ratina	o nri	int out of test results, you mu	ct atta	ch o	conv o	£		
						si alla	л а	сору о	1		
the test report to this					ystem printout attached.			~			
CERTIFICATIO	N OF TEC	HNI	CIAN R	ESPO	NSIBLE FOR CONDUCTING TH	11S TES	TING	Ì			
o the best of my knowledge, the	facts stated	l in th	is docu	ment a	re accurate and in full compliance	with lega	ıl regi	uiremen	ts		
					Date:		_				
DEIL-HMD 0160 (00.04)											

4. TANK ANNULAR TESTING

Test Method Developed By:	Tank Manufacturer Industry Sta Other (Specify)					tandard Professional Engineer					
Test Method Used:	Pressure Other (Specify)			V	Vacuum Hydro				ostatic		
Test Equipment Used:						Equipm	ent Resolut	ion:			
	Tank #			Tank #		Tank #		Tank #			
Is Tank Exempt From Testing? ¹		- N	No		No		s No		s No		
Tank Capacity:	Yes	s r	NO	Yes	NO	Ye	S INO	Ye	s NO)	
Tank Material:											
Tank Manufacturer:											
Product Stored:											
Wait time between applying pressure/vacuum/water and starting test:											
Test Start Time:											
Initial Reading (R _I):											
Test End Time:											
Final Reading (R _F):											
Test Duration:											
Change in Reading (R _F -R _I):											
Pass/Fail Threshold or Criteria:											
Test Result:	" Pas	s " I	Fail	" Pass	" Fail	" Pas	ss " Fai	l " Pas	ss "Fa	ail	
Was sensor removed for testing?	Yes	No	NA	Yes I	No NA	Yes	No N	A Yes	No N	NA	
Was sensor properly replaced and verified functional after testing?	Yes	No	NA	Yes I	No NA	Yes	No N	Yes Yes	No N	NA.	
Comments – (include information	on on rep	airs ma	ıde pr	ior to testin	g, & recon	ımended _.	follow-up j	for failed te	sts)		

¹ Secondary containment systems where the continuous monitoring automatically monitors both the primary and secondary containment, such as systems that are hydrostatically monitored or under constant vacuum, are exempt from periodic containment testing. {California Code of Regulations, Title 23, Section 2637(a)(6)}

5. SECONDARY PIPE TESTING

Test Method Developed By	: Piping Manus Other (Specif		Standard Profe	ssional Engineer
Test Method Used:	Pressure Other (Specif	Vacuum	Hydro Hydro	ostatic
Test Equipment Used:			Equipment Resolution	on:
	Piping Run #	Piping Run #	Piping Run #	Piping Run #
Piping Material:				
Piping Manufacturer:				
Piping Diameter:				
Length of Piping Run:				
Product Stored:				
Method and location of				
piping-run isolation:				
Wait time between				
applying				
pressure/vacuum/water				
and starting test:				
Test Start Time:				
Initial Reading (R _I):				
Test End Time:				
Final Reading (R _F):				
Test Duration:				
Change in Reading (R _F -				
R_{I}):				
Pass/Fail Threshold or				
Criteria:				
Test Result:	" Pass " Fail	" Pass " Fail	" Pass " Fail	" Pass " Fail
Comments – (include inform	mation on repairs made	e prior to testing, and re	ecommended follow-up	for failed tests)

6. PIPING SUMP TESTING

Test Method Developed By:	Sump Manufacturer Industry State Other (Specify)						andard Professional Engineer						
The control of the co			cify)										
Test Method Used:	Press			Vacuum Hydro					static				
	Othe												
Test Equipment Used:							Equipment Resolution:						
	Sump #			Sump#			Sump #			Sump #			
Sump Diameter:													
Sump Depth:													
Sump Material:													
Height from Tank Top to Top of													
Highest Piping Penetration:													
Height from Tank Top to Lowest													
Electrical Penetration:													
Condition of sump prior to													
testing:													
Portion of Sump Tested ²													
Does turbine shut down when													
sump sensor detects liquid (both	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
product and water)?*													
Turbine shutdown response time													
Is system programmed for fail- safe shutdown?*	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Was fail-safe verified to be													
operational?*	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Wait time between applying													
pressure/vacuum/water and													
starting test:													
Test Start Time:													
Initial Reading (R _I):													
Test End Time:													
Final Reading (R _F):													
Test Duration:													
Change in Reading (R _F -R _I):													
Pass/Fail Threshold or Criteria:													
	D		T7. *1	D		17. 1	D.		17. 1	D		17. 1	
Test Result:	" Pass		Fail	" Pas		Fail	" Pas		Fail	" Pas		Fail	
Was sensor removed for testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Was sensor properly replaced													
and verified functional after	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
testing?													
Comments – (include information	n on repa	irs ma	ade prio	or to testi	ng, ar	ıd reco	ommende	d folla	ow-up f	or failed 1	tests)		

² If the entire depth of the sump is not tested, specify how much was tested. If the answer to <u>any</u> of the questions indicated with an asterisk (*) is "NO" or "NA", the entire sump must be tested. (See SWRCB LG-160)

DEH:HMD-9169 (09-04)

7. UNDER-DISPENSER CONTAINMENT (UDC) TESTING

Test Method Developed By:	UDC Manufacturer			rer	Industry Standard Professional E						gineer		
		er (Sp	ecify)										
Test Method Used:	Pressure Other (Specify)				Vacuum H					Hydrostatic			
Test Equipment Used:							Equipm	ent Re	esolutio	on:			
	UDC#			UDC#			UDC#			UDC#			
UDC Manufacturer:													
UDC Material:													
UDC Depth:													
Height from UDC Bottom to Top													
of Highest Piping Penetration:													
Height from UDC Bottom to													
Lowest Electrical Penetration:													
Condition of UDC prior to testing:													
Portion of UDC Tested ³													
Does turbine shut down when													
UDC sensor detects liquid	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
(both product and water)?*	105	110	1111	105	110	141	105	110	141	105	110	141	
Turbine shutdown response time													
Is system programmed for fail-	* 7		27.4	***		374	***		274	***		274	
safe shutdown?*	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Was fail-safe verified to be	Voc	No	NI A	Vac	No	NIA	Voc	No	NIA	Vos	No	NIA	
operational?*	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Wait time between applying													
pressure/vacuum/water and													
starting test Test Start Time:													
Initial Reading (R _I):													
Test End Time:													
Final Reading (R _F):													
Test Duration:													
Change in Reading (R _F -R _I): Pass/Fail Threshold or													
Criteria:	D		T7. *1	D		E. 1	D		T2. *1	D.		E. 1	
Test Result:	" Pas		Fail	" Pas		Fail	" Pas		Fail	" Pas		Fail	
Was sensor removed for testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Was sensor properly replaced and verified functional after testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
vermed functional after testing?	<u> </u>												
Comments – (include informati	on on rep	airs m	iade pri	ior to tes	ting, a	ınd rec	ommende	ed folle	эw-ир f	or failed i	tests)		

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³ If the entire depth of the UDC is not tested, specify how much was tested. If the answer to <u>any</u> of the questions indicated with an asterisk (*) is "NO" or "NA", the entire UDC must be tested. (See SWRCB LG-160)

8. FILL RISER CONTAINMENT SUMP TESTING

Facility is Not Equipped With Fill	Riser Cor	ntainm	ent Sun	nps									
Fill Riser Containment Sumps are 1	Present, b	ut we	re Not T	ested									
Test Method Developed By: Sump Manufacturer Industry Standard Professional Engineer													
Test Wedned Beveloped By.	Other (Specify)						andard Fioressional Eligineer						
Test Method Used:							II. duo stati s						
Test Metriod Osed.	Pressure Vacuum Hydrostatic Other (Specify)												
Test Equipment Used: Equipment Resolution:													
Test Equipment Used:	Equipment Resolution:												
	Fill Sun	1p#		Fill Sun	np#		Fill Sun	ıp#		Fill Sun	np#		
Sump Diameter:													
Sump Depth:													
Height from Tank Top to Top of													
Highest Piping Penetration:													
Height from Tank Top to Lowest													
Electrical Penetration:													
Condition of sump prior to													
testing:													
Portion of Sump Tested													
Sump Material:													
Wait time between applying													
pressure/vacuum/water and													
starting test:													
Test Start Time:													
Initial Reading (R _I): Test End Time:													
Final Reading (R _F): Test Duration:													
Change in Reading (R _F -R _I):													
Pass/Fail Threshold or Criteria:													
Test Result:	" Pas	CC C	Fail	" Pas	1C	Fail	" Pas	C	Fail	" Pas	'C	Fail	
Is there a sensor in the sump?													
Does the sensor alarm when either	Ye	S	No	Ye	8	No	Yes	•	No	Ye	S	No	
product or water is detected?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Was sensor removed for testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Was sensor properly replaced and verified functional after testing?	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	
Comments – (include information	on repa	irs ma	de prio	r to testir	ıg, an	d recon	nmended	follo	w-up fo	r failed t	ests)		

9. SPILL/OVERFILL CONTAINMENT BOXES

	9. SFILL/OVERFII	LL CONTAINMEN	1 DUAES							
Facility is Not Equipped With Spill/Overfill Containment Boxes										
Spill/Overfill Containment Boxes are Present, but were Not Tested										
Test Method Developed By: Spill Bucket Manufacturer Industry Standard Professional Engineer Other (Specify)										
Test Method Used:	Pressure	Vacu	um Hydi	rostatic						
	Other (Specify)									
Test Equipment Used: Equipment Resolution:										
	Spill Box #	Spill Box #	Spill Box #	Spill Box #						
Bucket Diameter:	ори вол п	Spin Dox //	Spin Box //	Spin Dox II						
Bucket Depth:										
Wait time between										
applying										
pressure/vacuum/water										
and starting test:										
Test Start Time:										
Initial Reading (R _I):										
Test End Time:										
Final Reading (R _F):										
Test Duration:										
Change in Reading (R _F -										
$R_{\rm I}$):										
Pass/Fail Threshold or										
Criteria:										
Test Result:	" Pass " Fail	" Pass " Fail	" Pass " Fail	" Pass " Fail						
Comments – (include information on repairs made prior to testing, and recommended follow-up for failed tests)										

Send Completed Form to: County of San Diego, Department of Environmental Health, Hazardous Materials Division, UST Group P.O. Box 129261 San Diego CA 92112-9261